

Concho County has a moderate risk profile. Chloride is detected in ~100% of wells, driven by road/geological sources. Contamination is often invisible — testing is the only way to confirm your well's safety.

N/A

HOUSEHOLDS ON  
PRIVATE WELLS

Varies

PRIMARY  
AQUIFER TYPE

MODERATE

OVERALL  
RISK LEVEL

## YOUR TOP WATER QUALITY RISKS

| CONTAMINANT | HOW COMMON                 | RISK LEVEL   | SOURCE & CONTEXT                                                                |
|-------------|----------------------------|--------------|---------------------------------------------------------------------------------|
| Chloride*   | ~100% of wells             | Moderate     | Road/Geological — Road salt application and natural mineral deposits            |
| Sulfate*    | ~100% of wells             | Moderate     | Geological — Natural dissolution from gypsum and sulfate minerals               |
| Nitrate     | ~50% above limit           | High         | Agricultural — Fertilizer, manure, and septic systems leaching into groundwater |
| Iron*       | ~12% above aesthetic limit | Moderate     | Geological — Common in glacial and alluvial aquifers; staining and taste        |
| Fluoride    | ~0.9% above limit          | Low-Moderate | Geological — Naturally elevated in some deep or volcanic aquifers               |

\* Secondary standard — an aesthetic limit for taste, odor, or staining. Not a health-based EPA limit.

## WHAT TO DO NEXT

- Order a water test.**  
Test for Chloride, Sulfate, Nitrate, Iron, coliform bacteria. Bacteria annually; others every 3–5 years.
- Get your free county report.**  
See full data, treatment options, and certified labs at <https://yourwaterreport.com/states/tx/concho-county/>
- Upload your lab results.**  
We'll interpret them, flag anything above limits, and recommend next steps — free.

## KNOW YOUR WELL

Well age / year drilled

Last water test date

Treatment systems installed

Well driller / service contact

## WHAT YOUR RESULTS MEAN

Use this to interpret your lab report — match the contaminant to your result.

| IF YOUR TEST SHOWS | WHAT IT MEANS                         | CONSIDER                                |
|--------------------|---------------------------------------|-----------------------------------------|
| Bacteria detected  | Immediate concern                     | Shock chlorination; add UV system       |
| Nitrate > 10 mg/L  | EPA limit exceeded — risk for infants | RO filter; avoid for bottle-fed infants |
| Iron > 0.3 mg/L    | Staining, taste — aesthetic issue     | Oxidizing iron filter                   |
| Fluoride > 4 mg/L  | EPA limit exceeded — skeletal risk    | RO filter or activated alumina          |

## WHO SHOULD USE THIS

- Homeowners on private wells — not covered by public water testing
- Home buyers doing due diligence before closing
- Families with infants, elderly, or immunocompromised members
- Anyone who hasn't tested their well in the past 3 years

## LOCAL RESOURCES

Full county report

<https://yourwaterreport.com/states/tx/concho-county/>

Free personalized well water report at

<https://yourwaterreport.com/states/tx/concho-county/>

Data: EPA ECHO · USGS NWIS · Water Quality Portal · U.S. Census ACS  
For informational purposes only. Contact a licensed professional for testing and treatment.